

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended): A spinnerette assembly for forming one or more hollow fibers comprising:

- a unitary spinnerette body;
- at least one extrusion orifice formed in said unitary spinnerette body;
- a hollow needle being affixed in a needle mounting hole formed in said unitary spinnerette body and wherein said needle mounting hole receives a portion of said hollow needle;
- a hollow needle extending through each said at least one extrusion orifice in a concentric manner to define at least one annular passage around said needle in said at least one extrusion orifice;
- a bore forming fluid passage formed in said unitary spinnerette body, said bore forming fluid passage communicating with the interior of each said hollow needle, wherein each said needle mounting hole is in communication with a bore forming fluid inlet port at a surface of said unitary spinnerette body via said bore forming fluid passage, wherein said bore forming fluid passage further comprises a first bore forming fluid conduit coaxial with said needle and in communication with said needle and a second bore forming fluid conduit that extends at an angle with respect to said first bore forming fluid conduit from said bore forming fluid conduit to a surface of said unitary spinnerette body;
- at least one fiber-forming material passage formed in said unitary spinnerette body, wherein each said at least one fiber-forming material passage comprises a fiber-forming material inlet port extending from a surface of said body to an interior of said body, wherein said fiber-forming material port extends substantially parallel to said extrusion orifice and at

least one transverse passage extending from said fiber-forming material port to each said annular passage, wherein said transverse passage extends substantially perpendicular to said fiber-forming material port;
and a bottom plate.

Claim 2 (original): A spinnerette assembly as recited in Claim 1, wherein said transverse passage is a backcut portion of said fiber-forming material passage that entirely surrounds said needle in a continuous manner and is in communication with said extrusion orifice.

Claims 3 - 7 (cancelled)

Claim 8 (currently amended): A spinnerette assembly as recited in claim 1 ~~claim 3~~, wherein said extrusion orifice extends through portions of said unitary spinnerette body and said bottom plate.

Claim 9 (cancelled)

Claim 10 (cancelled)

Claim 11 (previously withdrawn): A method for forming a composite hollow fiber comprising the steps of:

delivering a fiber-forming material to each annular passage in a spinnerette assembly,
said fiber-forming material entering said spinnerette assembly through one or more fiber-forming material inlet ports and passing through the interior of said assembly to a transverse passage, a portion of said transverse passage entirely surrounding each needle in a continuous manner and through an annular passage in communication with an extrusion orifice;
and

extruding the fiber-forming material through the extrusion orifice and around each said needle and injecting a bore forming fluid into each needle to thereby provide a fiber comprising a bore forming fluid situated in the center of said fiber-forming material as it exits the spinnerette assembly through the extrusion orifice; optionally passing the nascent extruded hollow fiber through an air gap; and solidifying the hollow fiber by cooling, solvent evaporation, or solvent extraction.

Amendments to the Drawings

The attached sheet of drawings includes a complete set of formal drawings. These formal drawings include changes to Fig. 2. This sheet, which includes Fig.2, replaces the original sheet including Fig. 2, previously included element 114 has been omitted.

Attachment: Replacement Sheets
 Annotated Sheet Showing Changes